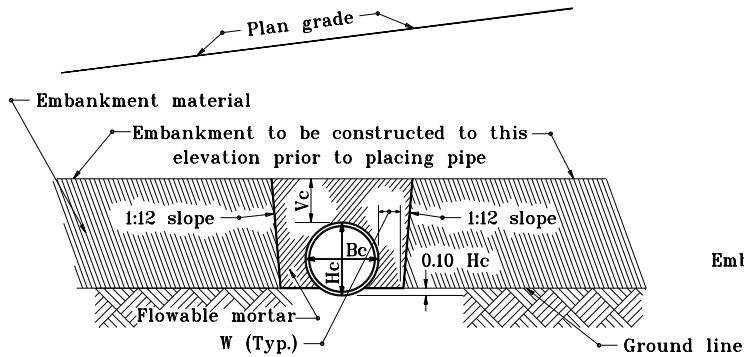


NOTE

1. Refer to Standard Drawing 715-BKFL-09 for general notes.



SECTION A-A

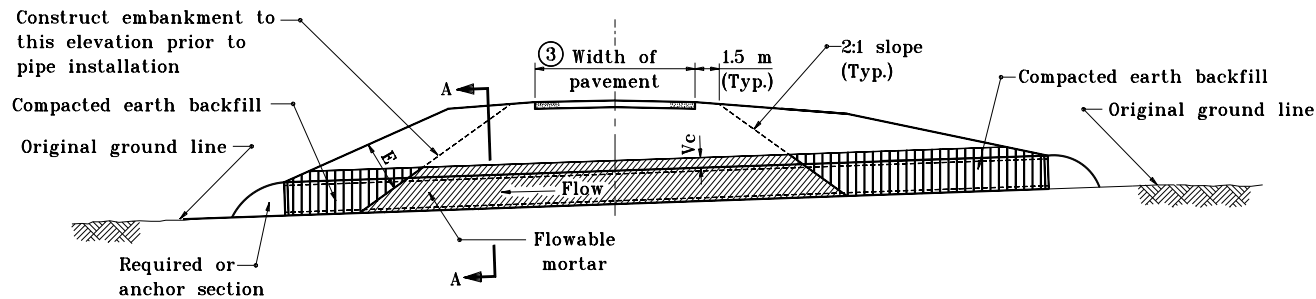
LEGEND

- H_c = Overall diameter or rise
 B_c = Overall diameter or span
 A = 200 min. for fill height up to 5.0 m
 = 300 min. for fill height of 5.0 m or more
 V_c = 300 for $B_c \leq 450$
 = 500 for $B_c > 450$
 W = 150 for $B_c \leq 500$
 = $0.3 B_c$ for $500 < B_c \leq 1000$
 = 300 for $B_c > 1000$

⑦ E = Encasement

METHOD 1 BACKFILL

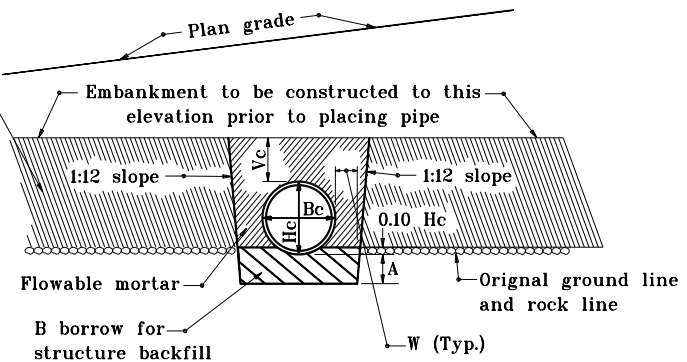
Structures under mainline pavement and public road approaches.



ELEVATION

Source Sheet: MN

**SECTION A-A
ROCK FOUNDATION**



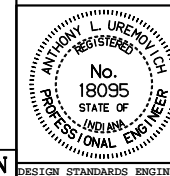
All dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION

**PIPE STRUCTURE BACKFILL
EMBANKMENT INSTALLATIONS**

JANUARY 1998

STANDARD DRAWING NO. 715-BKFL-02



/s/ Anthony L. Uremovich 1-02-98
DESIGN STANDARDS ENGINEER DATE

/s/ Donald W. Lucas 1-02-98
CHIEF HIGHWAY ENGINEER DATE